

**College of Liberal Arts and Sciences  
Committee on Curricula and Courses**

**Minutes of the meeting of 9 October 2007 (approved 16 October 2007)**

Chair John Manning called the meeting to order in Room 162 of the Thomas Dodd Research Center at 3:30 p.m.

**Present:** Clark, Austen (PHIL); Cromley, Robert (GEOG); Dashefsky, Arnold (SOCL); Dierssen, Heidi (MARN); Dudas, Jeffrey (POLS); Fairbanks, A. Harris (ENGL); Gajewski, Jon (LING); Gallo, Robert (PNB); Hamilton, Douglas (Assoc. Dean, CLAS); Henning, Robert (PSYC); Knecht, David (MCB); Langlois, Richard (ECON); Leibowitz, Gerald, (MATH); McComiskey, Marita (WS); Michel, Robert G. (CHEM); Musiek, Frank (COMS); Olsen, Sherri (HIST); Schultz, Eric (EEB) (SOCL); Travis, Roger (MCL); Vitale, Richard (STAT). No representatives were present from these departments: ANTH, HDFS, JOUR, PHYS, Public Policy, and URBN.

**Visiting:** Bontly, Thomas (COGS/PHIL); Mumar, Challa V.J. (CHEM); Tufts, Jennifer (CDIS).

## **1. PRELIMINARIES**

- a. Gerald Leibowitz was appointed secretary pro tem.
- b. The minutes of the 18 September 2007 meeting were approved, with editorial changes to catalog copy recorded for proposals 2007-77/78, which now read:

### **ENGL 4XXXW: Advanced Studies in Early Literature in English**

Either semester. Three credits. Prerequisite: ENGL 110, 111, or 250. Open to Juniors or higher. Advanced studies in literature written in English before 1800.

### **ENGL 3XXX: Studies in Early Literature in English**

Either semester. Three credits. Prerequisite: ENGL 110, 111, or 250. Open to Juniors or higher. Studies in literature written in English before 1800.

- c. The chair reported no approvals during the interval for any 298 courses and observed that one such proposal (2007-99) has been moved from today's docket to the next meeting of the Committee. He also announced that the next meeting will be next Tuesday, October 16.

- d. Announcements and discussions:

- i) Developments in connection with **proposal to facilitate CLAS study by Neag School students**. Two drafts were distributed for the previous meeting as appendix to agenda. Hamilton and Manning reported upon informal consultations leading to a third draft, provided today by the Neag School for this committee's review. Upon inspection, however, this document proved unreliable as it conflated two conflicting earlier drafts, one obsolete. All versions reveal similar preliminaries, retain the current Senate dual degree rule language verbatim, and would relax that rule for Neag students by adding a specific modifying stipulation. On suggestion from the chair, a 'sense of the committee' resolution was proposed, seconded, and approved, that Article II, Section C.1.g of the By-Laws, Rules, and Regulations of the University Senate be modified by adding a statement strictly limited expression of the following: 'The requirement of 30 additional credits is waived for students completing the Integrated B.S./M.A. in the Neag School who also complete requirements for a Bachelor's degree in another school or college.'

- ii) **Interdepartmental and Interdisciplinary Courses**.

The chair reported that on further discussion with Margaret Lamb, director of the INTD program, and that the thinking about curricular issues there is coming closer to the thinking of this committee.

- iii) Members were reminded that the notification deadline for departments to designate courses as "**Open to Juniors and Seniors only**" in the new catalog has passed. Stragglers are encouraged send in their lists as soon as possible.

- iv) The **renumbering** of all courses in the undergraduate and graduate catalogs entails the corresponding normalization of listings in prerequisite statements, requirements for degrees and for minors, etc. The

catalog editor will make such global changes, expressing lists in ascending numerical sequence according to normal catalog style.

v) **CLAS A - E courses: double listing.** Brief discussion of the following proposition: 'Courses approved for Senate Content Area One, (Arts & Humanities) may be listed in more than one CLAS A - E grouping, but may be counted toward satisfaction of only one such group.' Travis reported that this is already the case, citing a FREN offering listed in two areas..

## **2. DEPARTMENTAL COURSE PROPOSALS**

### **A. Departmental Course Proposal postponed from September 2007.**

**2007 - 75 Proposal to change MATH 213. Approved as revised.**

**Final catalog listing:**

#### **2710. Transition to Advanced Mathematics**

(213) Either semester. Three credits. Prerequisite: MATH 2110 (formerly 210) or 220 or 2130 (formerly 230). Students intending to major in mathematics should ordinarily take this course during the third or fourth semester.

Basic concepts, principles, and techniques of mathematical proof common to higher mathematics. Logic, set theory, counting principles, mathematical induction, relations, functions. Concepts from abstract algebra and analysis.

### **B. New Departmental Proposals**

**2007 – 83 Proposal to add CHEM 3xx. Approved as edited**

**Final catalog listing:**

#### **CHEM 3xx. Advanced Physical Chemistry I**

3 credits. Lecture.

Prerequisite: Chem 263 and Chem 264 or equivalents. Instructor consent required. Not open to students who have passed any of CHEM 315, 352, 253, 355, 356.

Thermodynamics, quantum mechanics and reaction dynamics, including enthalpy, entropy, free energy, equilibrium, quantum behavior of electrons and molecules, atomic and molecular spectroscopy, and theories of reaction rates.

**2007 – 84 Proposal to change MCB 336. Approved.**

**Final catalog listing:**

#### **336. Industrial Microbiology**

3 credits. Lecture.

A study of the biology, physiology, and genetics of microorganisms useful in industry, agriculture, and selected environmental processes.

**2007 – 85 Proposal to Add COGS 295/3584. Approved as edited**

**Final catalog listing:**

#### **COGS 3584. Seminar in Cognitive Science**

(295) Either semester. One to three credits. Hours by arrangement. Prerequisite: COGS 201/2201.

Recommended Preparation: At least two of ANTH 244, CSE 282, LING 202, PHIL 250, PSYC 256. Open only with consent of instructor. With a change of content, may be repeated for credit.

Recent developments in Cognitive Science.

**2007 - 86 Proposal to Add COGS 296W. Approved as edited**

**Final catalog listing:**

#### **COGS 4596W. Senior Thesis in Cognitive Science**

(296W) Both semesters. Three credits. Hours by arrangement. Prerequisites: ENGL 110 or 111 or 250; COGS 201, COGS 299/3599). Recommended Preparation: At least two of ANTH 244, CSE 282, LING 202, PHIL 250, PSYC 256. Open only with consent of instructor and director of undergraduate studies.

Preparation of a research thesis.

**2007 - 87 Proposal to Add COGS 297. Approved as edited**

**Final catalog listing:**

**COGS 3589. Undergraduate Research**

(297) Both semesters. Credits not to exceed six per semester. Hours by arrangement. Prerequisites: COGS 201/2201. Recommended Preparation: At least two of ANTH 244, CSE 282, LING 202, PHIL 250, PSYC 256. Open only with consent of instructor and program director of undergraduate studies. With a change of content, may be repeated for credit. Participation in activities related to cognitive science research.

**2007 - 88 Proposal to Add COGS 299. Approved as edited**

**Final catalog listing:**

**COGS 3599. Independent Study**

(299) Either semester. Three credits. Hours by arrangement. Prerequisite: COGS 201/2201. Recommended Preparation: At least two of ANTH 244, CSE 282, LING 202, PHIL 250, PSYC 256. Open only with consent of instructor. With a change of content, may be repeated for credit. Knowledge and skills necessary to perform a research project.

**2007 - 89 Proposal to Change MATH 200. Approved as edited**

**Final catalog listing:**

**2784. Undergraduate Seminar I.**

(200) Either semester. Two credits. Prerequisite: MATH 210, 220, 230, or 245; MATH 211, 221, or 246; and ENGL 110 or 111 or 250.

The student will attend talks during the semester and choose a mathematical topic from one of them to investigate in detail. The student will write a well-revised, comprehensive paper on this topic, including a literature review, description of technical details, and a summary and discussion.

**2007 - 90 Proposal to Change MATH 201W. Approved as edited**

**Final catalog listing:**

**2794. Undergraduate Seminar II**

(201W) Either semester. Two credits. Prerequisite: MATH 200 and ENGL 110 or 111 or 250.

The student will attend talks during the semester and choose a mathematical topic from one of them to investigate in detail. The student will write a well-revised, comprehensive paper on this topic, including a literature review, description of technical details, and a summary and discussion, building upon the writing experience in MATH 200.

**2007 - 91 Proposal to Change MATH 216. Approved as edited**

**Final catalog listing:**

**3230. Abstract Algebra I**

(216) Either semester. Three credits. Prerequisite: MATH 213 or 244. Recommended preparation: MATH 227 or 246.

An introduction to group theory and ring theory.

**2007 - 92 Proposal to Change MATH 217. Approved as edited**

**Final catalog listing:**

**3231. Abstract Algebra II**

(217) Either semester. Three credits. Prerequisite: MATH 3230 (216). Recommended preparation: MATH 3210 (215).

Topics from ring theory, Galois theory, linear and multilinear algebra, or algebraic geometry.

**2007 - 93 Proposal to Change MATH 258. Approved**

**Final catalog listing:**

**3240. Introduction to Number Theory**

(258) Either semester. Three credits. Prerequisite: MATH 213 or 244.

Euclid's algorithm, modular arithmetic, Diophantine equations, analogies between integers and polynomials, and quadratic reciprocity, with emphasis on developing both conjectures and their proofs.

**2007 - 94 Proposal to Change MATH 265. Approved as edited**

**Final catalog Listing:**

**4210. Abstract Algebra III**

(265) (Also offered as MATH 315.) First semester. Three credits. Prerequisite: Consent of instructor. Not open for credit to students who have passed MATH 315.

Group theory, ring theory and modules, and universal mapping properties.

**2007 - 95 Proposal to Change ECON 414. Approved as edited**

**Final catalog listing:**

**ECON 414 Advanced Mathematical Economics I**

3 credits. Lecture.

Introduction to advanced mathematical topics with applications to economics. Topics and applications may include set theory, logic, topology, difference and differential equations, game theory, preference theory and matching models.

**2007 - 96 Proposal to Change ECON 415. Approved as edited**

**Final catalog listing:**

**ECON 415 Advanced Mathematical Economics II**

3 credits. Lecture.

Prerequisite: Completion of ECON 414 with a grade of B- or better.

Topics and applications may include dynamic programming, fixed-point theorems, measure theory, Markov chains and processes, functional analysis, and advanced optimization.

**2007 - 97 Proposal to cross-list HRTS 390 as POLS 390. Approved**

**Final catalog listing:**

**POLS 390/HRTS 390. Economic Rights**

3 credits. Seminar. Instructor consent required. Also offered as HRTS 390.

Economic Rights include the right to an adequate standard of living, the right to work, and the right to basic income guarantees for those unable to work. These rights are grounded in international law - particularly in the Universal Declaration of Human Rights and the International Covenant on Economic, Social, and Cultural Rights. This class will explore the conceptual bases, measurement, and policy applications of economic rights. Specific topics will include: child labor, the right to development, non-governmental initiatives, and the institutionalization of economic rights (e.g., constitutionalization versus statutory implementation versus discretionary policies).

**2007 - 98 Proposal to Change HEB 218/CAMS 256/HIST 218/JUDS 218. Postponed. Awaiting approvals from participating departments.**

**2007 - 99 Proposal to offer PRLS 298 with topic "Introduction to Latin@ Studies." Postponed.**

**2007 - 100 Proposal to Add ENGL 3118/3118W. Approved as edited**

**Final catalog listings:**

**ENGL 3118. Victorian British Literature**

Either semester. Three credits. Prerequisite: ENGL [110](#) or [111](#) or [250](#).  
British literature from 1832 to 1900.

**ENGL 229W/3118W. Victorian British Literature**

Either semester. Three credits. Prerequisite: ENGL [110](#) or [111](#) or [250](#).

**2007 - 101 Proposal to Add ENGL 3117/3117W. Approved as edited**

**Final catalog listings:**

**ENGL 3117. Romantic British Literature**

Either semester. Three credits. Prerequisite: ENGL [110](#) or [111](#) or [250](#).  
British literature from 1790 to 1832.

**ENGL 3117W. Romantic British Literature.**

Either semester. Three credits. Prerequisite: ENGL [110](#) or [111](#) or [250](#).

**2007 - 102 Proposal to Drop ENGL 223/223W. Romantic and Victorian English Literature. Approved****2007 - 103 Proposal to Add POLS 2XX/2XXW. Approved as edited****Final catalog listings:****POLS 2XX. Congress in Theory and Practice**

Either semester. Three credits.

Analysis of the U.S. Congress, including representation, elections, policy formation, law making, and organization.

**POLS 2XXW. Congress in Theory and Practice**

Either semester. Three credits. Prerequisite: ENGL 110 or 111 or 250.

Open only with consent of instructor.

**2007 - 104 Proposal to Change the GEOG PhD Program. Approved****Final catalog listing:**

The Ph.D. in Geography requires a minimum of 24 credits of course work (including no more than six credits of independent study/research) beyond the Master's degree, along with the completion and defense of a dissertation. All Ph.D. students must complete a core curriculum that includes one methods course, either GEOG 301 (Fundamentals of GIScience) or GEOG 342 (Spatial Data Analysis); GEOG 311 (Research Design); and GEOG 413 (Development of Geographic Thought). In exceptional cases, equivalent graduate courses may be substituted with the approval of a student's advisory committee. Other required courses for the Ph.D. include one 400 level Geography seminar (not including GEOG 413), a one-credit teaching practicum course (GEOG 415), a one credit Proseminar course (GEOG 310), at least six credits of course work from a related field outside the department, and at least 15 credits of Dissertation Research (GRAD 495 - not included in the 24 credit requirement).

**2007 - 105 Proposal to Add CDIS 5375. Approved as edited****Final catalog Listing:****CDIS 5375 Auditory system: Applied Anatomy and Physiology**

3 credits. Lecture.

Prerequisite: CDIS 250 or instructor permission.

Review of the structure and function of the human auditory system, with emphasis on the clinical/applied aspects of anatomy and physiology. Oriented towards relationships to various auditory disorders.

**2007 - 106 Proposal to Change title and description of CDIS 354. Approved****Final catalog Listing:****CDIS 5355. Psychoacoustics**

(354) 3 credits. Lecture.

Basic principles of human perception of sound.

**2007 - 107 Proposal to Change the PSYC Major. Approved****Final catalog Listing:****Psychology**

The Psychology Department recommends that its majors take a broad selection of psychology courses and electives to obtain a well-rounded introduction to the science. The Department encourages students to participate in its research activities, including laboratory courses, research seminars, and independent study experiences.

The Department advises students planning to major in psychology to secure a background in the basic sciences and relevant social sciences, preferably before their junior year. Suggested courses include BIOL 1102, 1107, or 1108; ANTH 1006 or 2000; and SOCI 1001. If at all possible, majors should take STAT 1100Q (or 1000Q) by their third semester.

A maximum of seven 2000- to 3000-level transfer credits in Psychology may count toward the major upon approval of the Transfer Coordinator in Psychology.

Up to three credits of PSYC 3889 or 3899 can be used, and PSYC 3880 cannot be used.

All Psychology majors are required to take two introductory-level psychology courses - General Psychology I 1100 and either General Psychology II 1101 or General Psychology II (Enhanced) 1103 - followed by at least 25 2000- to 3000-level psychology credits, which are grouped as follows:

Foundation: 2100Q or 2100WQ

Area I. Social, Developmental, Clinical, & Industrial/Organizational: 2300 or 2300W, 2301, 2400, 2600, 2700

Area II. Experimental & Behavioral Neuroscience: 2200, 2500, 2501, 3201, 3500, 3501

Area III. Cross Area (I and II): 2201, 3100 or 3100W, 3102, 3105, 3400, 3601

Area IV. Advanced & Specialty Lecture Courses: 2101, 2701, 3101, 3103, 3104, 3106 or 3106W, 3200 or 3200W, 3300 or 3300W, 3301, 3370, 3401, 3470 or 3470W, 3502, 3503, 3600 or 3600W, 3670 or 3670W, 3770 or 3770W, 3883, 3884, 3885

Laboratory Courses: 3250 or 3250W, 3251 or 3251W, **3252**, 3350 or 3350W, 3450W, 3550W, 3551W, 3552, 3750 or 3750W

Research: 3889, 3899, 4197W

After completing 1100 and 1101 (or 1103), students must select one of our tracks for their major: 1. Bachelor of Arts: Standard, 2. Bachelor of Science: Standard, 3. Bachelor of Arts: Research Concentration, 4. Bachelor of Science: Research Concentration, 5. Bachelor of Arts: Honors, 6. Bachelor of Science: Honors

The requirements for each of these tracks are as follows:

Bachelor of Arts: Standard

25 PSYC credits, including: 2100Q or 2100WQ, Two Area I courses, Two Area II courses, One Area III course, Two other 2000- to 3000-level PSYC courses from any areas, 12 related 2000- to 3000-level non-PSYC credits

Bachelor of Science: Standard

25 PSYC credits, including: 2100Q or 2100WQ, Two Area I courses, Two Area II courses, One Area III course, Two Area IV laboratory courses, 12 related 2000- to 3000-level non-PSYC credits

Bachelor of Arts: Research Concentration

31 PSYC credits, including: 2100Q or 2100WQ, Two Area I courses, Two Area II courses, 3100 from Area III, Two Area IV courses (lecture and/or laboratory), Three credits of Area IV research, One other 2000- to 3000-level PSYC course from any area, 12 related 2000- to 3000-level non-PSYC credits

Bachelor of Science: Research Concentration

31 PSYC credits, including: 2100Q or 2100WQ, Two Area I courses, Two Area II courses, 3100 from Area III, Two Area IV laboratory courses, Three credits of Area IV research, One other 2000- to 3000-level PSYC course from any area, 12 related 2000- to 3000-level non-PSYC credits

**Bachelor of Arts: Honors**

(Available only to students accepted into the University Honors Program)

31 PSYC credits, including: 2100Q or 2100WQ, Two Area I courses, Two Area II courses, 3100 from Area III, Two Area IV courses (lecture and/or laboratory), 3899 and 4197W from Area IV research, 12 related 2000- to 3000-level non-PSYC credits

**Bachelor of Science: Honors**

(Available only to students accepted into the University Honors Program)

31 PSYC credits, including: 2100Q or 2100WQ, Two Area I courses, Two Area II courses, 3100 from Area III, Two Area IV laboratory courses, 3899 and 4197W from Area IV research (4197W may be substituted for one of the laboratory courses. If substituted, student must take one other 2000- to 3000-level PSYC course from any area.), 12 related 2000- to 3000-level non-PSYC credits

Related 2000- to 3000-level non-psychology courses. At least 12 credits. Must be approved by advisor prior to registration. Because of content overlap, COMM 3100 (Persuasion), EPSY 3010 (Educational Psychology), and HDFS 2100 (Human Development: Infancy through Adolescence) may not be used.

To satisfy the computer technology competency, all students must pass PSYC 2100Q/2100WQ. Other courses that will further enhance competency in computer technology include PSYC 3250W, 3251W, 3350W, 3450W, 3550W, 3889, 3899, and 4197W.

To satisfy the information literacy competency, all students must pass PSYC 2100Q/2100WQ. Other courses that will further enhance competency in information literacy include PSYC 1100, 1103, 3250W, 3251W, 3350W, 3450W, 3550W, 3889, 3899, and 4197W.

To satisfy the writing in the major requirement, all students must pass PSYC 2100WQ. Other courses that will further help students develop writing skills in psychological science are PSYC 2300W, 3100W, 3102W, 3106W, 3200W, 3250W, 3251W, 3300W, 3350W, 3450W, 3470W, 3550W, 3551W, 3600W, 3670W, 3770W, 3750W, and 4197W. For students who have taken PSYC 2100Q rather than 2100WQ, any 2000- to 3000-level PSYC W course may be used to satisfy the writing in the major requirement.

There is a minor in Psychology. A minor in Neuroscience is offered jointly by the Psychology Department and the Physiology and Neurobiology Department. Both programs are described in the Minors section.

Psychology also offers a joint-major with the Department of Linguistics. The description of the Linguistics-Psychology major appears under *Linguistics*.

**2007 - 108 Proposal to Change the PSYC Minor. Approved**

**Final catalog Listing:**

**Psychology**

All Psychology Minors are required to take at least 15 2000- to 3000-level psychology credits from among the following courses, which are grouped as follows:

Foundation: 2100Q or 2100WQ

Area I. Social, Developmental, Clinical, & Industrial/Organizational: 2300 or 2300W, 2301, 2400, 2600, 2700

Area II. Experimental & Behavioral Neuroscience: 2200, 2500, 2501, 3201 (EEB 3201), 3500, 3501

Area III. Cross Area (I and II): 2201, 3100 or 3100W, 3102, 3105, 3400, 3601

Area IV. Advanced & Specialty Lecture Courses: 2101, 2701, 3101, 3103 (COMM 3103), 3104, 3106 or 3106W (AFAM 3106 or 3106W), 3200 or 3200W, 3300 or 3300W, 3301, 3370, 3401, 3470 or 3470W, 3502, 3503, 3600 or 3600W, 3670 or 3670W, 3770 or 3770W, 3883, 3884, 3885

Laboratory Courses: 3250 or 3250W, 3251 or 3251W, **3252**, 3350 or 3350W, 3450W, 3550W, 3551W, 3552, 3750 or 3750W

Research: 3889, 3899, 4197W

The requirements for the Minor in Psychology are as follows:

- One Area I course
- One Area II course
- Any three additional 2000- to 3000-level Psychology courses listed above.

No more than three credits of either 3889 or 3899 may be counted toward the minor. 3880 cannot be used. The courses composing the minor should be selected in consultation with the student's major advisor to form a coherent program relevant to the student's academic and/or career interests and objectives.

The minor is offered by the Psychology Department.

**2007 - 109 Proposal to Change ENGL 250. Approved**

**Final catalog listing:**

**1800. Honors I: Approaches to Literature**

(250) First semester. Three credits. Hours by arrangement. Open only with consent of instructor. May be used to satisfy the [ENGL 110](#) or 111 requirement. Not open for credit to students who have passed ENGL [110](#) or [111](#).

Study of a variety of approaches to literature and of their critical assumptions.

**2007 - 110 Proposal to Add PHIL 2XX. Approved as edited**

**Final catalog Listing**

**PHIL 2XX. Philosophical Foundations of Human Rights**

Either semester. Three credits. Prerequisite: At least one of PHIL 101, 102, 103, 104, 105, 106, 107.  
Bloomfield, Parekh

Ontology and epistemology of human rights investigated through contemporary and/or historical texts.

**2007 - 111 Proposal to Add POLS 32XX & 32XXW. Approved**

**Final catalog Listing**

**POLS 32XX. Politics of Oil**

Either semester. Three credits. Recommended preparation: POLS 121 or 143.

Historical and contemporary role of oil in comparative politics and international relations.

**POLS 32XXW. Politics of Oil**

Either semester. Three credits. Prerequisite: ENGL 110 or 111 or 250. Recommended preparation: POLS 121 or 143.

Historical and contemporary role of oil in comparative politics and international relations.

**2007 - 112 Proposal to Add POLS 5XXX. Approved as amended**

**Final catalog Listing**

**POLS 5XXX. Comparative Democratization**

Either semester. Lecture. Three credits.

Democratization and major approaches to regime change away from authoritarianism.

**3. ADJOURNMENT:** The meeting ended at 5:28 PM.



Respectfully submitted by Gerald M. Leibowitz, Secretary Pro-tem